SOUTH AFRICAN JOURNAL OF SCIENCE

Volume 79

1983

INDEX

INDEX TO PARTS

No.	1 January																				1 - 40
No.	2 February																				41 - 80
No.	3 March													×							81 - 120
No.	4 April										*		×								121 - 168
No.	5 May		. *																		169 - 212
No.	6 June					. ,			,		*									0	 213 - 252
No.	7 July																				253 - 296
No.	8 August																				297 - 340
No.	9 September	r									*				×						 341 - 384
No.	10 October																				 385 - 428
No.	11/12 Nove	m	b	eı	1	D	e	C	eı	n	b	e	r								429 - 476

A		Birds in the functioning of marine ecosystems in Southern	120
tanda allida alama tha lawar Maisah niyan gantual Namih	444	Africa, The roles of coastal Birds, Newly observed role in the spread of bilharziasis	130 333
Acacia albida along the lower Kuiseb river, central Namib	444	BLABER, S.J.M.	141
Desert, Drought stress and demise of		Black schoolchildren, Schistosoma haematobium infection	177
chemistry	442	and scholastic attainment amongst	370
ADEREM, A.A., et al.	70	BOND, W.J., and SLINGSBY, P.	231
ADP plus phosphate activates Ca2+ efflux from EGTA-		Botany, Review of the ninth annual congress of the South	
uncoupled sarcoplasmic reticulum vesicles	70	African Association of Botanists, Johannesburg, January	
Aedes circumluteolus and Culex zombaensis as vectors of Rift		1983	304
Valley fever virus in coastal South Africa, Field and		Botswana, Iron Age pastoralist settlements in	405
laboratory evidence implicating	61	BOYD, A.J., and DUFFY, D.C.	387
Aedes (Neomelaniconion) circumluteolus and/or Luteolateralis		BOYD, C.D	303
collected during an outbreak in cattle in the coastal region		BOYD, C.O	308
of Natal, South Africa, Isolation of Rift Valley fever virus		BRANCH, G.M.	142
from	377	BRAUNITZER, G., et al	411
Africa's needs of science, technology and manpower	91	BREEN, C.M. and WARD, J.D.	444
Agulhas Bank system	142	BRISTOW, J.W. and LOW, A.B.	52
Air temperature on the manual dexterity of schoolchildren,	67	BRISTOW, J.W., et al.	363
Influence of ALLANSON, B.R.	129	BROWN, A.J.V., et al. BRUNDRIT, G.	388
ALLISON, J.C.S.	391	BUYS, J.D., and MULLER, M.A.	350
AMBROSIO, R.E., and LASTOVICA, A.J.	110	DO 15, J.D., and MOLLER, M.A.	330
Amino acid sequence of haemoglobin of hippopotamus	***		
(Hippopotamus amphibius, Artiodactyla)	411		
δ-Aminolaevulinic acid, Inhibition of the evoked release of		C	
dopamine from rat striatal synaptosomes by	249		
Anaerobic stimulation of nitrate utilization in sterile excised		Ca2+ efflux from EGTA-uncoupled sarcoplasmic reticulum	
Zea mays L. roots	73	vesicles, ADP plus phosphate activates	70
Anaesthesia in the vervet monkey at 1760 metres altitude and		Caecectomy, Does it increase the rate of transit along the rat	
the effect of oxygen supplementation, Respiratory status of		small intestine?	245
the blood during prolonged systemic	247	CAMERON-CLARKE, A., et al.	356
Anaesthetic agents, Metabolism and toxicity of volatile	55	Campylobacter, Rapid screening procedure for detection of	110
Anchovy distribution and migration	387	plasmids in	433
Androgenic gland of the cultured prawn, Macrobachium		CANTRILL, R. Cape cormorants as potential indicators of pelagic fish stocks	43.
rosenbergii (de Man) (Crustacea; Decapoda), Histo-		off Southern Africa	460
chemical study of the distribution of lipids, 3δ - and 3β -hydroxysteriod dehydrogenase in the	84	Cape Recife, South Africa, sea-surface temperature varia-	40.
Anniversaries, In praise of (DNA discovery)	298	bility around	430
Ants in shrublands of the Cape Province, Seed dispersal by,	270	Chacma baboon (Papio ursinus) in relation to the menstrual	
and its evolutionary implications	231	cycle, Observations on the behaviour of	9
APPLETON, C.C., and ERIKSSON, I.M	333	CHAPMAN, P. and SHANNON, L.V	454
Aristichthys nobilis Richardson (Pisces: Cyprinidae) at the		CHEMALY, S.M. and MANCHESTER, K.L	442
Umtata Fish Research Centre, Transkei, Induced spawn-		Chemical engineering education, Thermodynamics in	25:
ing of the Chinese bighead carp	229	Chemists review their performance	430
ARMSTRONG, E., et al	416	Children aged 0-4 years in South Africa, Impact of nutri-	044
ARMSTRONG, R.A., et al	365	tional deficiency on mortality in	218
AUSTIN, J.	398	Chinchilla hair, Observations on the morphology and chemical analysis of medullary granules in	6
Australopithecines, Dating the Makapansgat	264	Chinese bighead carp Aristichthys nobilis Richardson	0.
		(Pisces: Cyprinidae) at the Umtata Fish Research Centre,	
		Transkei, Induced spawning of the	229
В		CHUNG, SH. and JOHNSON, M.	44
		CLARKE, A. CAMERON - see CAMERON-CLARKE,	
Baby boom, Defusing the	386	A	
BASSON, R.W., et al.	392	Climate, plates and hominoid evolution	9
Beaches in the South Western Cape Province during January		Climates of South Africa, Another look at the Pleistocene	32
1983, Incidence of <i>Physalia</i> on	454	Cloud bands over Southern Africa, On the use of synoptic	
BEARDALL, G.M., et al	189	data in indicating the presence of	41
BECKLEY, L.E.	436	Cluster and correspondence analysis of Iron Age faunal	10
Beeswax is optimally related to honeybee colony tempera- ture, The ductility of native	416	assemblages from southern, western and eastern Transvaal Coastal birds in the functioning of marine ecosystems in	18
Benguela ecosystem	137	Southern Africa, The roles of	13
BERMAN, M.C., et al.	70	Coastal processes	14
BERRUTI, A., et al.	466	COCK, C. LA see LA COCK, C.	0.0
BIELERT, C., and HOWARD-TRIPP, M.E.	9	Cold and heat stress on factory workers in Southern Africa,	
Bilharziasis, Newly observed role for birds in the spread of	333	Effects of moderate, 4. Skin temperature, oral tempera-	
Biochemistry becomes a serious business but retains a human		ture, heart rate and comfort vote.	2
face, (Seventh annual congress of the South African Bio-		Community development strategies: research and in	
chemical Society)	86	practice	22
Biological control: a new discipline?	391	CONNELL, A.D.	14
Biologists of the 1920s, C.J. van der Horst (1889-1951) and	40	Control systems, Impact of microelectronics on distributed	21
the Amsterdam	49	COOPER, J., et al	13

SCREAPE, M., et al. 50	Council for Scientific and Industrial Research see CSIR	466	Exercise, Intravascular shifts in magnesium during pro-	
CRESSWELL, C.F., and GRAY, V.M. Cystallographic investigation of a parafflinic Flicher-Tropsech was in relation to a theory of was structure and behaviour CSIR (Esercies in diversity) CSIR (Esercies in diversity) Collect combonat and Aceler circumstrolus as vectors of Rin Valley fever virus in coastal South Africa, Field and Cycad seeds, Germination of 8 6 Cycad seeds, Germination of B D A SILVA, F.M., et al. D D A SILVA, F.M., et al. D DA SILVA, F.M., et al. D DENBOW, J.R. and WILMSEN, E.N. 405 Dental carles scores in rural black women 1922 Descel blends for dicale engines 406 Dietary indigestible day matter (IDM) determinations with rats, Note on the validity of an assumption of total abordance behaviour combonity of glucose in 194 DISON, E., et al. 195 DOS SANTOS, I., et al. E E E E EAGLE, G.A. E E E E E E E E E E E E E	CRAWFORD, R.J.M., et al	466	longed	37
Crystallographic investigation of a paraffinic Fischer Tropsels was in relation to a theory of wax structure and behaviour 214 p. 170 Calex zombone and and head extremunations as vectors of Rift and behaviour 215 p. 170 Calex zombone and and head extremunations as vectors of Rift 215 p. 25 p.			Extracellular matrix, Towards a better understanding of the	303
Tropset was in relation to a theory of was structure and behaviour 234 CSIR (Escreics in diversity) 224 CSIR (Escreics in diversity) 225 CSIR (Escreics in diversity) 225 CSIR (Escreics in diversity) 226 Collect somboards and Andea circumateolus as vectors of Rift Valley fever virus in coastal South Africa, Field and laboratory evidence implicating of 226 Cycad seeds, Germination of 8 DA SILVA, F.M., et al. 70 DAVIES, B.R. 257 DENBOW, J.R. and WILMSEN, E.N. 257 DENBOW, J.R. and WILMSEN, E.N. 257 Dental carles scores in rural black women 252 Detect blends for discles engines 4 Dietary indigestible day matter (IDM) determinations with ratis, Note on the validity of an assumption of total aboroshability of glucose in 252 Distorbuted control systems, Impact of microelectronics on 252 DOES posse half threat 252 DOES posses half threat 253 DUFFY, D.C., et al. 253 DUFFY, D.C., et al. 254 EGOLOSY, F.C., et al. 254 EGOLOSY, F.C., et al. 255 DUFFY, D.C., et al. 255 DUFFY, D.C		73		
behaviour 244 CSIR (Exercises in diversity)				
CSIR (Exercises in diversity)				
Culex sombenesis and Aeleis circomuneolus as vectors of Rift valley fever virus in coastal South Africa, Field and laboratory evidence implicating 61 (Cycad seeds, Germination of 8 (Cycad seeds, Germination of 9 (Cyca			F	
valley fever virus in coastal South Africa, Field and Iaboratory evidence implicating 61 Cycad seeds, Germination of 8 Boatin Cycad seeds, Germination of 9 Boatin Cycad seeds, Germin		170		
Cycad seeds, Germination of 8 FATTI, L.P., et al. 134				
Day Committee		61		28
DA SILVA, F.M., et al. 70 DAVIES, B.R. 257 DENBOW, J.R. and WILMSEN, E.N. 258 DENBOW, J.R. and WILMSEN, E.N. 269 Denatla caries scores in rural black women 392 Dicard blends for diceol engines 392 Dicard blends for diceol engines 394 Dicard blends for diceol engines 395 Dicard blends for diceol engines 396 Dicard blends for diceol engines 397 Dicard blends for diceol engines 398 Dicard blends for diceol engines 399 Dicard blends for diceol engines 390 Dicard blends for diceol engines 391 Dicard blends for diceol engines 392 Dicard blends for diceol engines 393 Dicard blends for diceol engines 394 Dicard blends for diceol engines 395 Dicard blends for diceol engines 396 Dicard blends for diceol engines 397 Dicard blends for diceol engines 398 PEREN 1983		8		
Femure and tibias, Mechanical properties of hamster 74 Femures and tibias, Mechanical properties of hamster 75 Femures and tibias, Mechanical properties of hamster 74 Fillologiese Vereniging van Suidelike Afrika eerste jaarlikke kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika eerste jaarlikke kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika eerste jaarlike kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika eerste jaarlike kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika eerste jaarlike kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika kongres, 15 Januarie 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van Suidelike Afrika kongression 5 Southern Africa. 1302 Femures and tibias, Mechanical properties of hamster 74 Fillologiese Vereniging van Suidelike Afrika kongression 5 Southern Africa. 1302 Femures and tibias, Mechanical properties of hamster 74 Fillologiese Vereniging van feferate 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van feferate 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van feferate 1983, Johannesburg: uitreksels van referate 75 Fillologiese Vereniging van feferate 1983, Johannesburg: uitreksels van referate 75 Fil				
DA SILVA, F.M., et al.				
DA SILVA, F.M., et al. DA SILVA, F.M., et al. DA SILVA, F.M., et al. DAVIES, B.R. 277 DEACON, H.J. DENBOW, J.R. and WILMSEN, E.N. 405 Dental carries scores in rural black women 392 Dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of glucose in 134 Dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of glucose in 134 DISON, E., et al. 135 DISON, E., et al. 136 DOBA, Thirlieth anniversary of the discovery of (In praise of anniversaries) 298 Dogs pose health threat DOBOS SANTOS, I., et al. 137 DREYER, J.J., and KOTZE, S.H. 138 DROUGHT Flow bad is the present Prought in NatalKwaZulu, Impact of the 139 DIFFY, D.C., et al. 130 DUFFY, D.C., et al. E E E EAGLE, G.A. E E EAGLE, G.A. E E EAGLE, S.A. E E E E EAGLE, S.A. E E E E E E E EAGLE, S.A. E E E E E E E E E E E E E				
DAYLES, R.R. 257 DEACON, H.J. 250 DEACON, H.J. 251 DEACON, H.J. 252 DEACON, H.J. 252 DEACON, H.J. 253 DEACON, H.J. 254 DEACON, H.J. 255 DEBORNOW, J.R. and WILMSEN, E.N. 405 Dental carries scores in rural black women 392 Dictary indigestible dry matter (IDM) determinations with tast, Note on the validity of an assumption of total absorbability of glucose in 344 DISON, E., et al. 345 DOBS and the statistical synaptosomes by δ-amino-laceruline acid, Inhibition of the evoked release of 268 Dogs pose health threat 340 Dogs Sannos, I., et al. 346 DREYER, J.J., and KOIZE, S.H. 345 DREYER, J.J., and KOIZE, S.H. 345 DROUGH's How bad is the present 440 DUTOIT, T.L., et al. 347	D			
DAVIES, B.R. 257 DENBOW, J.R. and WILMSEN, E.N. 405 DENBOW, J.R. and WILMSEN, E.N. 405 Diesol blends for diesel engines 929 Diesol blends for diesel engines 9392 Diestary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbance of Anniversaries 9392 Distributed control systems, Impact of microelectronics on 2092 Distributed control systems, Impact of microelectronics on 2093 Distributed control systems, Impact of microelectronics on 2094 Distributed control systems, Impact of the discovery of (In praise of anniversaries) 298 Dogs pose health threat 240 Drought in Natal/KwaZulu, Impact of the 240 DUTOIT, T.L., et al. 173 DUFFY, D.C., et al. 173 DUFFY, D.C., et al. 173 DUFFY, D.C., and BOYD, A.J. 387 GofPD Panama, GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of 364 GofPD Panama (GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of 366 GofPD Panama (GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of 366 GofPD Panama (GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of 366 GofPD Panama (GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of 366 GofPD Panama (GofPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of			kongres, 15 Januarie 1983, Johannesburg: uittreksels van	
DEACON, H.J. DENBOW, J.R. and WILMSEN, E.N. 405 Dental carries scores in rural black women 302 Diestal principles of diesel engines 303 Diestal principles of diesel engines 304 Diestal principles of diesel engines 305 Diestal principles of diesel engines 306 Diestal principles of diesel engines 307 Diestal principles of diesel engines 308 Diestal principles of diesel engines 309 Diestal principles of diesel engines and material principles of diesel engines and principles of diesel engine environments in the late Territary of South African Ashkenazi Jew and the report of a second case of GePD Panama GePD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GiPD Panama GePD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GiPD Panama GePD Witwatersrand, a new variant found in a			referate	380
DENBOW, J.R. and WILMSEN, E.N. 405 Diesel blends for diesel engines Diesel plends for diesel engines Diesel plate for diesel engines die			FINDLAY, G.H.	49
Dental carries scores in trural black women Joeasel blends for diesel engines Diestary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of glucose in Joease placed for the validity of an assumption of total absorbability of glucose in Joease placed for the validity of an assumption of total absorbability of glucose in Joease placed for the validity of an assumption of total absorbability of glucose in Joease placed for the validity of an assumption of the state of anniversaries) Joease pose health threat Joease pose pose health threat Joease pose health threat Joease pose pose pose health threat Joease pose pose health threat Joease po			Fishes, Factors influencing the utilization of Southern	
Dental carlies scores in rural black women Joscal blends for diesel engines Bicaty indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of glucose in Josch places and migraine Josch, Let al. Josch, Let al. Josca blends from rat striatal synaptosomes by 6-amino-laevulinic acid, Inhibition of the evoked release of Josca Santors, Let al. Jorought? How bad is the present. Jorought in Natl/KwaZulu, Impact of the Jorought stress and the demise of Acada abida along the lower Kuiseb river, central Namib Desert: preliminary findings Let al. Jorought? Josca and BOYD, A.J. JOUFFY, D.C. and BOYD, A.J. JOUFFY, D.C. and BOYD, A.J. Journally Formative causation and ecology GePD Panama, GePD Witwatersrand, a new variant found in a South African Ashkenatal year and the report of a second case of GePD Panama GePD Panama. GePD Panama, GePD Witwatersrand, a new variant found in a South African Ashkenatal year and the report of a second case of GePD Panama GePD Panama GePD Panama GePD Witwatersrand, a new variant found in a South African Ashkenatal year and the report of a second case of GePD Panama Genetics in one man's professional lifetime E EAGLE, G.A. Let al. Let a	DENBOW, J.R. and WILMSEN, E.N		African estuaries by	362
Diesel blends for diesel engines	Dental caries scores in rural black women	392	Formative causation and ecology	256
Dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of glucose in one waldity of glucose in of the validity of glucose in one waldity of glucose in one validity of glucose in one waldity of glucose in one validity of an assumption of total assort one validity of an one validity of an one validity of an assumption of total assort one validity of an one validity of an one validity of an assumption of total cases of validity of validity of an one validity of an assumption of total assort one validity of an assumption of total validity of anotal validity of an assumption of total validity of an assumption	Diesel blends for diesel engines	4		8
rats, Note on the validity of an assumption of total absorbability of glucose in an ability of an assumption of the crowder of glucose in an ability of an assumption of glucose in an ability of an assumpti	Dietary indigestible dry matter (IDM) determinations with			
bability of glucose in	rats, Note on the validity of an assumption of total absor-			390
Diets, platelets and migraine	bability of glucose in	334		
DISON, E., et al. Distributed control systems, Impact of microelectronics on DNA, Thirtieth anniversary of the discovery of (In praise of anniversaries) Dogs nose health threat 3 Dopamine from rat striatal synaptosomes by 8-amino-laevulinic acid, Inhibition of the evoked release of 249 DOS SANTOS, J., et al. Corporation of the proper of the discovery of (In praise of Acadea abida along the lower Kuiseb river, central Namib Desert: preliminary findings BU TOIT, T.L., et al. DUFFY, D.C. and BOYD, A.J. BU TOIT, T.L., et al. Corporation of the corporation of the corporation of the lower Kuiseb river, central Namib Desert: preliminary findings E EAGLE, G.A. EAGLE, G.A. ECOlogy, Formative causation and Ecorpoly for the corpolage of the	Diets, platelets and migraine	47		
Distributed control systems, Impact of microelectronics on 219 Pounty and 228 possible properties of anniversaries) Dogs pose health threat Dogs SahTOS, I., et al. DOS SANTOS, I., et al. DREYER, J.J., and KOTZE, S.H. 245 portion in Natal/KwaZulu, Impact of the 247 pounty in Natal/KwaZulu, Impact of the 248 pounty in Natal/KwaZulu, Impact of the 248 pounty in Natal/KwaZulu, Impact of the 249 pounty in Nat	DISON, E., et al.	392		
DNA, Thirtieth anniversary of the discovery of (In praise of anniversaries) Dogs noise health threat Dogs ose health threat Dogs ose health threat DOS SANTOS, I, et al. DOS SANTOS, I, et al. DOS SANTOS, I, et al. DREYER, JJ, and KOTZE, S.H. DREYER, JJ, and VAN DER WALT, W.H. 334, 403 DREYER, JJ, and VAN DER WALT, W.H. 340 Drought in Natal/kwaz/ulu, Impact of the DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. E EAGLE, G.A. EAGLE, G.A. ECOlogy, Formative causation and E EAGLE, G.A. ECOlogy, Formative causation and E EAGLE, G.A. ECOlogy, Formative causation and elicetorphore tical analysis of reduced protein fractions from a new South African anigh-lysine (opaque-2) hybrid and three other opaque-like maize types Energy, A view of the future of Energy, A view of the future of Energy, A view of the future of Energy, Novlevme nt of transition-metal ions and pyridoxal phosphate in the genesis of a hypothesis. 488 ENERSKINE, J.M. ENERGISCON, I.M. and APPLETON, C.C. 333 HARDIG, J.A. 349 G6PD Panama, G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of G6PD Panama, G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Panama, GFPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Panama, G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of GFPD Witwatersrand, a new variant found in a South African Ashkenazi Jew		219		
anniversaries) Dogs pose health threat 3 Dogamine from rat striatal synaptosomes by δ-amino-laevulinic acid, Inhibition of the evoked release of 249 DOS SANTOS, I, et al. 61 DREYER, J. J., and KOTZE, S.H. 245 DREYER, J. J., and VAN DER WALT, W.H. 334, 403 Drought? How bad is the present 440 Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. 173 DUFFY, D.C., and BOYD, A.J. 387 DUFFY, D.C., and BOYD, A.J. 387 BEAGLE, G.A. 142 EAGLE, G.A. 150 EAGLE, G.A. 162 ECGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Cat-efflux from 172 Plus phosphate activates Cat-efflux from 173 EEGTGA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Cat-efflux from 173 EERIKERS, I.M.I., et al. 173 Energy Research, The National Programme for 299 Energy, A view of the future of 82 Energy, A view of the future of 182 Energy Research, The National Programme for 299 Engineering the future of 182 Energy Research, The National Programme for 299 Engineering the future of 182 Energy Research, The National Programme for 299 Engineering the future of 182 Energy, A view of the future of 182 Energy Research, The National Programme for 299 Engineering the future of 182 Energy Research, The National Programme for 299 Engineering the future of 183 Energy Research, The National Programme for 299 Engineering the future of 183 Energy Research, The National Programme for 299 Engineering the future of 183 Energy Research, The National Programme for 299 Engineering the future of 183 Energy Research, The National Programme for 299 Engineering the future of 183 Energy Research, The National Programme for 299 Engineering the future of 183 Engineering the future of				
Dogs pose health threat Dopamine from rat striatal synaptosomes by δ-amino-lacvulinic acid, Inhibition of the evoked release of 249 DOS SANTOS, I., et al. 61 DREYER, J.J., and KOTZE, S.H. 245 DREYER, J.J., and VAN DER WALT, W.H. 334, 403 Drought? How bad is the present 440 Drought in Natal/KwaZulu, Impact of the 439 Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. 173 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 130 E EAGLE, G.A. 54 ECOLOGY, Formative causation and 54 ECOLOGY, All, et al. 55 ECOLOGY, All, et al. 54 ECOLOGY, All, et al. 55 ECOLOGY, All, et al. 55 ECOLOGY, All, et al. 55 ECOLOGY, All, et al. 54 ECOLOGY, All, et		298	Tynoos ecology	211
Dopamine from rat striatal synaptosomes by 8-amino-laevulinic acid, Inhibition of the evoked release of 249 DOS SANTOS, I., et al. 61 DREYER, J. J., and KOTZE, S.H. 245 DREYER, J. J., and VAN DER WALT, W.H. 334, 403 Drought? How bad is the present 440 Drought stress and the demise of Acacla albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. 173 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 130 EAGLE, G.A. 142 EAGLE, G.A. 152 EAGLE, G.A. 152 ECGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca*+ efflux from 70 plus phosphate activates Ca*+ efflux from 8.26 EAGLE, J.M. 1., et al. 173 Electrophoretic analysis of reduced protein fractions from 8.29 Energy Rosearch, The National Programme for 299 Engineering the future 01 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 Energy Rosearch, The National Programme for 299 Engineering the future 05 ENGRETIAL Prophysical Programme for 299 Enginee		3		
laevulinic acid, Inhibition of the evoked release of 249 DOS SANTOS, I., et al. 61 DREYER, J. J., and KOTZE, S.H. 245 DREYER, J. J., and KOTZE, S.H. 344 DREYER, J. J., and KOTZE, S.H. 344 Drought in Natal/KwaZulu, Impact of the 439 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 439 DUFFY, D.C., et al. 439 DUFFY, D.C., et al. 440 EAGLE, G.A. 544 ECology, Formative causation and 546 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca ²⁺ efflux from 70 ELICERS, I.M. 1, et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African and African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Energy Rosearch, The National Programme for 299 Engineering the future of 82 Engry Rosearch, The National Programme for 299 Engineering the future of 82 Engry Rosearch, The National Programme for 299 Engineering the future of 82 Engry Rosearch, The National Programme for 299 Engineering the future of 82 Engry Rosearch, The National Programme for 299 Engrineering th				
DOS SANTOS, I., et al. 61 DREYER, J. J., and KOTZE, S.H. 245 DREYER, J.J., and VAN DER WALT, W.H. 334, 403 Drought? How bad is the present 440 Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 40 DU TOIT, T.L., et al. 173 DUFFY, D.C., and BOYD, A.J. 387 DUFFY, D.C., et al. 130 E E EAGLE, G.A. 142 Ecology, Formative causation and EcGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 70 Plus phosphate activates Ca²+ efflux from 70 EILERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy A view of the future of 84 Haemonfance of evaluation of evaluation of view of the view of the future of 84 Haemonfance of variant found in a south African higher and the report of a second case of 66PD witwaters rand, a new variant found in a South African habracaiz low and		249		
DREYER, J. J., and KOTZE, S.H. 245 DREYER, J. J. and KOTZE, S.H. 344, 433 DREYER, J. J. and VAN DER WALT, W.H. 334, 443 Drought? How bad is the present 440 Drought in Natal/KwaZulu, Impact of the 149 Drought server, central Namib Desert: preliminary findings 444 DUT OTT, T.L., et al. 173 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C. et al. 130 EAGLE, G.A. 142 ECTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca ²⁺ efflux from 181 EEGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca ²⁺ efflux from 181 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 26 Energy, Research, The National Programme for 299 Energy Research, The National Programme for 299 Engineering the future 6. 292 Energy Research, The National Programme for 295 Energy Research, The National Programme for 295 Engineering the future 6. 482 Energy, A view of the future of 295 Energy Research, The National Programme for 296 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ERIKSSON, I.M. and APPLETON, C.C. 333 ESKINE, J.M. 439 EStuaries by fishes, Factors influencing the utilization of Southern African 201 Estuaries by fishes, Factors influencing the utilization of Southarn Arrival and Population of Streamflow loss by 480 EVERS, W. 439 EAGRERS, C.F. 91 GGPD Panama, G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of G6PD Parchage of South African Ashkenazi Jew and the report of a second case of G6PD Parchage of South African Ashkenazi Jew and the report of a second case of G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of G6PD Witwatersrand, a new variant found in a South African Ashkenazi Jew and the report of a second case of G6PD Witwatersrand, a n			G	
DREYER, JJ, and VAN DER WALT, W.H. 334, 403 Drought? How bad is the present 444 Drought in Natal/KwaZulu, Impact of the 439 Drought in Natal/KwaZulu, Impact of the 439 Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. 173 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 130 EAGLE, G.A. 142 ECology, Formative causation and Ecology, Formative causation and Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 299 Engineering the future of 82 Energy Research, The National Programme for 84 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemoglobin of hippopotamus (Hippopotamus for Artica 1115 Harr				
Drought? How bad is the present			G6PD Panama, G6PD Witwatersrand, a new variant found	
Drought in Natal/KwaZulu, Impact of the Drought stress and the demise of Acacia albida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 130 EAGLE, G.A. EAGLE, G.A. ECOLogy, Formative causation and ECOLogy, Formative causation and ECOLogy, Formative causation and ELIERS, I.M.I., et al. ELIERS, I.M.I., et al. ELIERS, I.M.I., et al. Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types Energy Research, The National Programme for Engineering the future Enterco-oxyntin, Is it involved in the pathogenesis of porcine ososphagogastric ulceration? Enterco-oxyntin, Is it involved in the pathogenesis of Pathogastric ulceration? ERIKSSON, I.M. and APPLETON, C.C. 333 ERIKSSON, I.M. and APPLETON, C.C. 334 ERIKSSON, I.M. and APPLETON, C.C. 335 ENAMINE, J.M. 439 HARNISON, G.G., et al. 444 439 GGPD Panama 444 GGPD Panama 445 GGPD Panama 445 GGPD Panama 446 GRARBERS, C.F. 91 Genetics in one man's professional lifetime 240 Genetics in one man's professional lifetime 240 Genetics in one man's professional lifetime 240 Glucose in dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of 342 GRAY, V.M., and CRESSWELL, C.F. 343 GRAY, V.M., and CRESSWELL, C.F. 344 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemorrhagic fevers of central Africa 115 HARRISON, G.G., et al. 416 HARRISON, G.G., et al. 417 418 419 419 419 419 419 419 419			in a South African Ashkenazi Jew and the report of a	
Drought stress and the demise of Acacia abida along the lower Kuiseb river, central Namib Desert: preliminary findings 444 DU TOIT, T.L., et al. 173 GFP Demana 444 DUFFY, D.C. and BOYD, A.J. 387 DUFFY, D.C., et al. 173 GRAERS, C.F. 174 Genetics in one man's professional lifetime 240 Germination of cycad seeds. 86 GEVERS, W. 61 Germination of cycad seeds. 86 GEVERS, W. 61 Gevers, W. 61 Germination of cycad seeds. 86 GEVERS, W. 61 Germination of cycad seeds. 86 Gevers, W. 61 Gevers, W. 61 Germination of cycad seeds. 86 Gevers, W. 61 Gevers, W. 61 Germination of cycad seeds. 86 Gevers, W. 61 Germination of cycad seeds. 86 Gevers, W. 61 Germination of			second case of	414
findings	Drought stress and the demise of Acacia albida along the	,,,,	African Ashkenazi Jew and the report of a second case of	
DU TOT, T.L., et al. DUFFY, D.C. and BOYD, A.J. STATES AND STATES AND STREET		444	G6PD Panama	414
DUFFY, D.C. and BOYD, A.J. 387 GARBERS, C.F. 91 Genetics in one man's professional lifetime 240 Germination of cycad seeds 8 GEVERS, W. 86 Gevertides, w. 86 Gevertide		173	Game reserves, The management of large mammals in	434
DUFFY, D.C., et al. 130 Genetics in one man's professional lifetime 240 Germination of cycad seeds 8 GEVERS, W. 86 Glucose in dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of . 334 Glycerine-jelly microscopic preparations, A method of preserving 228 GGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 70 EILERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 248 Entero-oxyntin, Is it involved in the pathogenesis of procine ocsophagogastric ulceration? 374 PEPILEPS, I.M. and APPLETON, C.C. 333 HAROGOZO, S.A., and HARRISON, M.S.J. 413 ERSKINE, J.M. 439 HARDIE, G.J. 223 Estuaries by fishes, Factors influencing the utilization of Southern African 141 EARNISON, G.G., et al. 240 HARRISON, G.G., et al. 370 HARRISON, G.G., et al. 370 HARRISON, G.G., et al. 370 HARRISON, M.S.J., and HARANGOZO, S.A. 413 HARRISON, M.S.J., and HARRISON		387	GARBERS, C.F.	91
EAGLE, G.A. 142 EAGLE, G.A. 142 ECOLOGY, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca ²⁺ efflux from 70 ELIERS, I.M.I., et al. 204 EILERS, I.M.I., et al. 372 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis 48 ERSKINE, J.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 ESTUARTIES SUBJECT AND APPLETON, C.C. 334 Expotranspiration from a riparian zone, Estimation of streamflow loss by 88 EGEVERS, W. Gerenination of GEVERS, W. Glucose in dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of Glucose in dietary indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorbability of an assumption of total absorbability of an assumption of solderan fictual with rats, Note on the validity of an assumption of stotal absorbability of an assumption of south rations with rats, Note on the validity of an assumption of stotal absorbability of an assumption of stotal absorbability of an assumption of stotal absorbability of classification of south rations with rats, Note on the validity of an assumption of speeding stotal absorbability of an assumption of speeding stotal absorbability of speeding stotal and stotal absorbability of speeding stotal and stotal absorbability of speeding stotal			Genetics in one man's professional lifetime	240
EAGLE, G.A. 142 EAGLE, G.A. 142 EAGLE, G.A. 142 ECOlogy, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 70 ELLERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ESTUARIES 141 EARNISSON, I.M. and APPLETON, C.C. 333 Estuaries by fishes, Factors influencing the utilization of Southern African 155 Estuaries by fishes, Factors influencing the utilization of Southern African 162 Exapotranspiration from a riparian zone, Estimation of streamflow loss by 88 GGRINSTEIN, S., et al. 204 GRAY, V.M., and CRESSWELL, C.F. 73 GREENACRE, M.J., et al. 6 HARRISON, G. and HARRISON, M.S.J. 413 HARRISON, G. and HARRISON, M.S.J. 413 HARRISON, G. and HARRISON, M.S.J. 413 HARRISON, M.S.J., and HARANGOZO, S.A. 413	2011 1, 21ci, cr iii 11111111111111111111111111111111		Germination of cycad seeds	8
EAGLE, G.A. 142 EAGLE, G.A. 142 EGOLOGY, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 70 EILERS, I.M.I., et al. 173 EILERS, I.M.I., et al. 173 EILECTROPHOTELIC analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 445 Epilepsy, Involveme nt of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 EARANGOZO, S.A., and HARRISON, M.S.J. 413 ERSKINE, J.M. 439 EARANGOZO, S.A., and HARRISON, M.S.J. 413 EXPANTAGIAN AFTICAN AND APPLETON, C.C. 336 EVAPORTANGIAN AFTICAN AND APPLETON, C.C. 337 EVAPORTANGIAN AFTICAN AND APPLETON, C.C. 336 EVAPORTANGIAN AFTICAN AND APPLETON, C.C. 337 EXENSION, I.M. and APPLETON, C.C. 336 EVAPORTANGIAN AFTICAN AND APPLETON, C.C. 337 EXENSION, G.G., et al. 55 ESUATION AND APPLETON, C.C. 336 EVAPORTANGIAN AND APPLETON, C.C. 337 EARANGOZO, S.A., and HARRISON, M.S.J. 413 EXPSKINE, J.M. 439 EARANGOZO, S.A., and HARRISON, M.S.J. 413 EXPSKINE, J.M. 449 EARRISON, G.G., et al. 55 ESUATION AND APPLETON, C.C. 420 EVAPORTANGIAN APPLETON, C.C. 336 EVAPORTANGIAN AND APPLETON, C.C. 337 EVAPORTANGOZO, S.A., and HARRISON, M.S.J. 414 EARRISON, M.S.J., and HARRISON, M.S.J. 420 EVAPORTANGIAN AND APPLETON, C.C. 420 EVAPORTANGIAN AND APPLETON			GEVERS, W	86
total absorbability of 334 EAGLE, G.A. 142 Ecology, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 670 EILERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 ERIKKSON, I.M. and APPLETON, C.C. 333 ERIKKSON, I.M. and APPLETON, C.C. 333 EStuaries 141 HARRISON, G.G., et al. 204 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemorrhagic fevers of central Africa 115 Harmster femurs and tibias, Mechanical properties of. 74 HARNISON, G.G., et al. 55 Southern African 362 HARRISON, M.S.J., and HARRANGOZO, S.A. 413 EVAPOTCAR, D.C., and SCHUTTE, C.H.J. 370			Glucose in dietary indigestible dry matter (IDM) determina-	
EAGLE, G.A. 142 Ecology, Formative causation and 256 Ecology, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+efflux from 70 EILERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis 448 ERIKKSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 ERISKSON, I.M. and APPLETON, C.C. 334 EStuaries 141 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370	p		tions with rats, Note on the validity of an assumption of	
EAGLE, G.A. 142 Ecology, Formative causation and 256 Ecology, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from 70 ElLERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 48 ERIKSSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 ERSKINE, J.M. 439 EStuaries 141 EVAPOTEAN AFRISON, G.G., et al. 55 Estuaries 5 Estuaries 9 HARRISON, M.S.J., and HARRISON, M.S.J. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370			total absorbability of	334
Ecology, Formative causation and 256 EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca ²⁺ efflux from 70 EILERS, I.M.I., et al. 173 EILECtrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 ERIKKSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 ERSKINE, J.M. 439 EStuaries 141 HARRISON, G.G., et al. 362 HARRISON, G.G., et al. 374 HARRISON, M.S.J., and HARRISON, M.S.J. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370	EAGLE G A	142	Glycerine-jelly microscopic preparations, A method of	
EGTA-uncoupled sarcoplasmic reticulum vesicles, ADP plus phosphate activates Ca²+ efflux from			preserving	228
plus phosphate activates Ca ²⁺ efflux from		200	GORINSTEIN, S., et al	204
EILERS, I.M.I., et al. 173 Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types 204 Energy, A view of the future of 82 Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 Estuaries by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Estuarios by fishes, Factors influencing the utilization of Southern African 362 Experimental from a riparian zone, Estimation of Streamflow loss by 88 Energy, V.M., and CRESSWELL, C.F. 73 GREENACRE, M.J., et al. 69 EREENACRE, M.J., et al. 69 EREENACRE, M.J., et al. 69 FREENACRE, M.J.,		70	GRANT, S.C., et al	414
Electrophoretic analysis of reduced protein fractions from a new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types			GRAY, V.M., and CRESSWELL, C.F	73
new South African high-lysine (opaque-2) hybrid and three other opaque-like maize types		113	GREENACRE, M.J., et al	69
three other opaque-like maize types				
Energy, A view of the future of		204		
Energy Research, The National Programme for 299 Engineering the future 342 Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? 374 Pepilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 EStuaries by fishes, Factors influencing the utilization of Southern African 362 Estuaries by fishes, Factors influencing the utilization of Southern African 362 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 Hamber and tibias, Mechanical properties of 44 Haemoglobin of hippopotamus (Hippopotamus amphibius, Artiodactyla), Amino acid sequence of 44 Haemorrhagic fevers of central Africa 115 Hamster femurs and tibias, Mechanical properties of 74 Harnison, M.S.J. and HARRISON, M.S.J. 413 HARRISON, G., et al. 55 HARRISON, G.G., et al. 55 HARRISON, M.S.J., and HARRANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370				
Engineering the future			и	
Entero-oxyntin, Is it involved in the pathogenesis of porcine oesophagogastric ulceration? Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. ERIKSSON, I.M. and APPLETON, C.C. 333 HARANGOZO, S.A., and HARRISON, M.S.J. Estuaries Haemorrhagic fevers of central Africa Haem			n	
oesophagogastric ulceration? 374 Artiodactyla), Amino acid sequence of 44 Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 Hamster femurs and tibias, Mechanical properties of. 74 ERIKSSON, I.M. and APPLETON, C.C. 333 HARANGOZO, S.A., and HARRISON, M.S.J. 413 ERSKINE, J.M. 439 HARDIE, G.J. 223 Estuaries by fishes, Factors influencing the utilization of Southern African 362 HARRISON, G.G., et al. 55 Southern African 362 HARRISON, M.S.J., and HARANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370		342	Harmaniahin of hipponatamus (Hipponatamus amphibius	
Epilepsy, Involvement of transition-metal ions and pyridoxal phosphate in the genesis of: a hypothesis. 448 Hamster femurs and tibias, Mechanical properties of. 74 ERIKSSON, I.M. and APPLETON, C.C. 333 HARANGOZO, S.A., and HARRISON, M.S.J. 413 ERSKINE, J.M. 439 HARDIE, G.J. 223 Estuaries 141 HARRIS, W.F. 255 Southern African 362 HARRISON, G.G., et al. 55 Southern African 362 HARRISON, M.S.J., and HARANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370		274		AA
phosphate in the genesis of: a hypothesis. 448 ERIKSSON, I.M. and APPLETON, C.C. 333 ERSKINE, J.M. 439 EStuaries by fishes, Factors influencing the utilization of Southern African 362 Evapotranspiration from a riparian zone, Estimation of Streamflow loss by 88 Hamster femurs and tibias, Mechanical properties of 74 HARANGOZO, S.A., and HARRISON, M.S.J 223 HARAISON, G.J 223 HARRISON, G.G., et al 55 HARRISON, M.S.J., and HARANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of Streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370		3/4		
ERIKSSON, I.M. and APPLETON, C.C. 333 HARANGOZO, S.A., and HARRISON, M.S.J. 413 ERSKINE, J.M. 439 HARDIE, G.J. 223 Estuaries 141 HARRIS, W.F. 255 Estuaries by fishes, Factors influencing the utilization of Southern African		118		
ERSKINE, J.M. 439 HARDIE, G.J. 223 Estuaries 141 HARRIS, W.F. 255 Estuaries by fishes, Factors influencing the utilization of Southern African 362 HARRISON, M.S.J., and HARANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370				
Estuaries 141 HARRIS, W.F. 255 Estuaries by fishes, Factors influencing the utilization of Southern African 362 HARRISON, M.S.J., and HARANGOZO, S.A. 413 Evapotranspiration from a riparian zone, Estimation of streamflow loss by 88 HAYCOCK, D.C., and SCHUTTE, C.H.J. 370				
Estuaries by fishes, Factors influencing the utilization of Southern African				
Southern African		1.41		
Evapotranspiration from a riparian zone, Estimation of streamflow loss by		267		
streamflow loss by		302		
			HARTE I M and PAMMENTER N W	
EVERS, I.W. 201 HAILEII, I., and REOUT, II.J. 03		99		
			HAYCOCK, D.C., and SCHUTTE, C.H.J	370

South African Journal of Science

Heat and cold stress on factory workers in Southern Africa,		К	
Effects of moderate, 4. Skin temperature, oral temperature,	***	KALKER, J.J.	307
heart rate and comfort vote	28	Karoo basin, Recent geological research on the Vryheid	
HELDEN, P.D. VAN see VAN HELDEN, P.D.	270	Formation in the northeast part of the main	328
HENNING, S.F. and MUSPRATT, J	378 356	KAY, G.W., et al.	418
HEPBURN, H.R., et al.	416	KEOGH, H.J. and HAYLETT, T	65
Herbivores hit the headlines: report on an International	410	KOEKEMOER, M.L., et al.	173
Symposium on Herbivore Nutrition in the Subtropics and		KOK, R., et al.	28
Tropics, Pretoria, 5-9 April, 1983	347	KOTZE, S.H., and DREYER, J.J.	245 411
HEY, J.D11,	310	KROMBACH, C., et al. Kuiseb river, central Namib Desert, Drought stress and the	411
HICKMAN, R. VAN HOORN- see VAN HOORN- HICKMAN, R.		demise of Acacia albida along the lower: preliminary	444
Hill, Professor A.V.	352	findings KURSTJENS, S., et al.	416
Hippopotamus amphibius, Artiodactyla, Amino acid		KORDISERIO, D., Et al.	710
sequence of haemoglobin of hippopotamus	411	*	
Hiroshima and Nagasaki: a commentary	393	L	
HOAL, E.G. and VAN HELDEN, P.D.	174	LA COCK, C., et al	273
HOCKEY, P.A.R., et al.	130 96	Laboratory animals, Towards the production and mainte-	200
HOORN-HICKMAN, R. VAN see VAN HOORN-	90	nance of disease-free	398 430
HICKMAN, R.		LAING, M. LANCASTER, N., et al.	175
HOPE, A.S., et al.	88	Landscape ecology, Association for	302
HOUTEN, R. VAN see VAN HOUTEN R		LANE, A.B., et al.	414
HOWARD-TRIPP, M.E. and BIELERT, C	9	LAPORTE, L.F., and ZIHLMAN, A.L.	96
HUDAK, D.R., et al.	69	Large mammals in game reserves, The management of	434
Human chorionic gonadotropin ligand, Specific activity of		LASTOVICA, A.J., and AMBROSIO, R.E	110
radioiodine-labelled	418	Late Quaternary pollen profile from the Transvaal highveld,	
Human skulls in the Raymond Dart collection of skeletons,		South Africa	266
Statistical survey of the	215	LE ROUX, J.H., and RETIEF, J.J.	234
Hybrid technology: molecular 'husbandry'?	174	Leaf nutrient content in relation to senescence in the coastal	
3δ - and 3β - Hydroxysteroid dehydrogenase in the andro-		sand dune pioneer Scaevola thunbergii Eckl. & Zeyh	420
genic gland of the cultured prawn, <i>Macrobachium rosen-bergii</i> (de Man) (Crustacea; Decapoda), Histochemical		LETCHER, T.M.	28
study of the distribution of lipids	84	LEWIS, M.I., et al. Light scattering in historical perspective. Part 1. From	20
Hyperolius marmoratus, Random mating by size and age of	01	Leonardo to the graser.	11
males in the painted reed frog.	353	Light scattering in historical perspective. Part II. From	11
		Leonardo to the graser.	310
		LINDE, A. VAN DER see A. VAN DER LINDE	
		LLOYD, P.J.D.	393
		LOCHNER, A., et al	273
I		Long limb bones in the South African negro, Regression	
Indicatible day matter (IDM) determinations with rate		equations for estimating living stature from	337
Indigestible dry matter (IDM) determinations with rats, Note on the validity of an assumption of total absorba-		LOW, A.B. and BRISTOW, J.W.	52
bility of glucose in dietary	334	LUND, B.G.A.	440
Induced spawning of the Chinese bighead carp Aristichthys	551	LUNDY, J.K. LUTJEHARMS, J.R.E.	337 140
nobilis Richardson (Pisces: Cyprinidae) at the Umtata		LUIJEHARIVIS, J.R.E.	140
Fish Research Centre, Transkei	229		
Information technology, Technology transfer with special		M	
reference to scientific and technical information services		McCARTHY, B.W., et al.	249
and developments in	57	McINTOSH, B.M., et al. 61	
Intravascular shifts in magnesium during prolonged exercise	37	MACKIE, R.	347
Iron Age faunal assemblages from southern, western and	100	McLACHLAN, A.	302
eastern Transvaal, Cluster and correspondence analysis of Iron Age of the Transvaal, 'Oori' or 'Moloko'? The origins	189	McMILLAN, C.M.	226
of the Sotho-Tswana on the evidence of the	261	Macrobachium rosenbergii (de Man) (Crustacea; Decapoda), Histochemical study of the distribution of lipids, 38- and	
Iron Age pastoralist settlements in Botswana	405	3β -Hydroxysteroid dehydrogenase in the androgenic	
IVANETICH, K.M., et al.	55	gland of the cultured prawn	84
,	-	Magnesium, Intravascular shifts in, during prolonged	
		exercise	37
		Maize types, Electrophoretic analysis of reduced protein	
		fractions from a new South African high-lysine (opaque-2)	
J		hybrid and three other opaque-like	204
TANGE WAS BUILDING V.		Makapansgat australopithecines, Dating the	264
JANSE VAN RENSBURG, P.R.	259	MALECHA, S.R., and VEITH, W.J.	84
JANSEN VAN RENSBURG, H., et al.	251	Malnourished, What young are? When is slower growth	254
JENKINS, T., et al.	414	noxious? Mammals, Tuberculosis in captive wild: the situation in	351
JEWELL, P. JOHNSON, K.L.	434 308	South Africa	345
JOHNSON, M. and CHUNG, SH.	448	MANCA, V., et al.	55
JONES, J., et al.	351	MANCHESTER, K.L.	390
JUPP, P.G., et al		MANCHESTER, K.L. and CHEMALY, S.M	442

South African Journal of Science

MANCHESTER, K.L., et al	356	Non-esterified fatty acid content of the rat myocardium,	
Manpower, Africa's needs of science, technology and	91	Assay of	273
Manual dexterity of schoolchildren, Influence of air temp-		Nuclear shadow	42
erature on the	67	Nutritional deficiency on mortality in children aged 0-4 years	
Marine eccsystems in Southern Africa, The roles of coastal		in South Africa, Impact of	218
birds in the functioning of	130		
Marine environments in the late Tertiary of South Africa,			
Fossil seabirds and changing	399		
Marine organisms, Systematics of	140	0	
Marine pollution	141		
Marine science in South Africa: an international comparison	125	Obesity, Does sugar cause or promote?	43
MASON, R.J.	261	Oceanography, South African: the way ahead	122
MASON, R.J., et al	189	Oesophagogastric ulceration? Is entero-oxyntin involved in	
Mating (Random) by size and age of males in the painted		the pathegenesis of porcine	374
reed frog, Hyperolius marmoratus	353	OLLERTON, E	306
Medullary granules in chinchilla hair, Observations on the		OLSON, S.L	399
morphology and chemical analysis of	65	Onium compounds in biochemistry, S-Adenosylmethionine	
MEESE, G.B., and WENTZEL, J.D.	67	and	442
MEESE, G.B., and SCHIEFER, R.E	172	Oosterhuis, D.M	, 459
MEESE, G.B., et al.	28	Open ocean	134
Menstrual cycle, Observations on the behaviour of a Chacma		OTTO, C.J., et al	251
baboon (Papio ursinus) in relation to the	9	Oxygen supplementation, Respiratory status of the blood	
MENTIS, M.T.	256	during prolonged systemic anaesthesia in the vervet	
MERWE, A. VAN DER see VAN DER MERWE A		monkey at 1760 metres altitude and the effect of	247
MERWE, L.J. VAN DER see VAN DER MERWE L.J.			
Metabolically active hepatocytes, Preparation of	356		
Metabolism and toxicity of volatile anaesthetic agents	55		
Methionine hydroxy analogue to reduce urinary nitrogen		P	
output during adjustment to protein depletion in the rat,			
Note on the ability of	403	Paine collection given a new home	305
Microelectronics on distributed control systems, Impact of	219	Painted reed frog, Hyperolius marmoratus, Random mating	
Migraine, Diets, platelets and	47	by size and age of males in the	353
Mist trapping by Thamnochortus punctatus Pillans at Pella in		PAMMENTER, N.W., and HARTE, J.M	420
the southwestern Cape Province, Evidence of	432	Papio ursinus, Observations on the bahaviour of a Chacma	
MIZRAHI, J.	74	baboon in relation to the menstrual cycle	9
MOLL, E.J., and ROMOFF, N.	432	Paraffinic Fischer-Tropsch wax in relation to a theory of wax	
Mortality in children aged 0-4 years in South Africa, Impact		structure and behaviour, Crystallographic investigation of	
of nutritional deficiency on	218	a	234
Mosquitoes of an inland salt marsh in the eastern Transvaal	210	Parasitological Society of Southern Africa annual scientific	
region of South Africa	378	meeting, Onderstepoort, 5 and 6 July, 1983: abstracts of	
Motion of a wheel on a rail	306	papers	469
MULLER, M.A. and BUYS, J.D.	350	Parasitological Society of Southern Africa: abstracts of	
MURGATROYD, A.L.	408	papers presented at a joint meeting with the Royal Society	
MUSPRATT, J. and HENNING, S.F	378	of Tropical Medicine and Hygiene, Johannesburg, 6 and 7	
Myocardium, Assay of non-esterified fatty acid content of	370	July 1982	115
the rat	273	Parasitologiese Vereniging van Suidelike Afrika gesamentlike	
the fat	413	vergadering met die Royal Society of Tropical Medicine	
		and Hygiene, 6 en 7 Julie 1983, Johannesburg: uittreksels	
		van referate	115
		Parasitologiese Vereniging van Suidelike Afrika jaarlikse	
N		wetenskaplike vergadering, Onderstepoort, 5 en 6 Julie	
14		1983: uittreksels van referate	469
Nagasaki, Hiroshima and: a commentary	393	PARTRIDGE, T.C.	264
Namib, On the antiquity of the	175	PASSMORE, N.I., and TELFORD, S.R.	353
Nasionale Oseanografiese Simposium, Verritinge van die	1/3	Pastoralist settlements in Botswana, Iron Age	405
5de by Rhodes-universiteit, Grahamstad, Januarie 1983.	122	Pelagic fish stocks off Southern Africa, Cape cormorants as	100
	439	potential indicators of	466
Natal/KwaZulu, Impact of the drought in	437	Pella in the southwestern Cape Province, Evidence of mist	100
Natal, South Africa, Spatial variations in precipitation chemistry over	400	trapping by Thamnochortus punctatus Pillans at	432
	408	PHILLIPS, A.M., et al.	204
National Oceanographic Symposium, Selected proceedings of the 5th held at Rhodes University, Grahamstown,		Photomacrography, Ultra-deep-field: a novel experimental	204
	100		259
January 1983	122	design Phycological Society of Southern Africa first annual congress	437
Navorsingspublikasies in wiskunde	350		380
NEETHLING, A.C., et al.	249	Johannesburg, 15 January 1983: abstracts of papers Physalia on beaches in the South Western Cape Province	300
Neural crest symposium, American Association of Anato-	200		151
mists sponsors	389	during January 1983, Incidence of	454
Neuronal communication, Symposium on	435	Plasmids in Campylobacter, Rapid screening procedure for	110
NEWELL, R.C.	125	detection of	110
NICOLAYSEN, L. O.	134	Plates, climate and hominoid evolution	96 325
Nitrate utilization in sterile excised Zea mays L. roots,	72	Pleistocene climates of South Africa, Another look at the	343
Anaerobic stimulation of	73	Pollen profile from the Transvaal highveld, South Africa,	266
Nodulation of soybeans by fast-growing strains of Rhizo-	251	Late Quaternary	266
bium japonicum, Effective	251	Pollution, Marine	141

South African Journal of Science

Porcine oesophagogastic ulceration? Is entero-oxyntin		ROWE, A.C., et al.	61
involved in the pathogenesis of	374	Rural black women, Dental caries scores in	392
Precipitation chemistry over Natal, South Africa, Spatial		RUSSEL, V.A., et al.	249
variations in	408		
PRINSLOO, J.F., and SCHOONBEE, H.J.	229		
Protein depletion in the rat, Note on the ability of methionine hydroxy analogue to reduce urinary nitrogen output during			
adjustments to	403	S	
Protein fractions from a new South African high-lysine	403	SAGGERSON, E.P., et al.	365
(opaque-2) hybrid and three other opaque-like maize types,		SAGGERSON, E.P., et al. Salt marsh in the eastern Transvaal region of South Africa,	30.
Electrophoretic analysis of reduced	204	Mosquitoes of an inland	378
Pyridoxal phosphate in the genesis of epilepsy, Involvement		Sandy beaches as ecosystems	302
of transition-metal ions and	448	SANTOS, I. DOS see DOS SANTOS, I	
		Scaevola thunbergii Eckl. & Zeyh., Leaf nutrient content in	
		relation to senescence in the coastal sand dune pioneer	420
		SCHIEFER, R.E., and MEESE, G.B.	172
Q		Schistosoma haematobium infection and scholastic attain-	0.00
Quaternary (Late) pollen profile from the Transvaal highveld,		ment amongst black schoolchildren	370
South Africa	266	Scholastic attainment amongst black schoolchildren, Schistosoma haematobium infection and	370
QUICKE, G.V., et al.	204	Schoolchildren, Influence of air temperature on the manual	310
, , , , , , , , , , , , , , , , , , , ,		dexterity of	67
		Schoolchildren, Thermal effects on the performance of:	0,
		outline of a proposed research project	172
R		SCHOONBEE, H.J., and PRINSLOO, J.F	229
		SCHRANK, B., et al.	411
R virus in the Hak cell line (CCL15)	423	SCHULZE, R.E., et al.	88
Radiation resistance of Rhizopus stolonifer	173	SCHUTTE, C.H.J., and HAYCOCK, D.C	370
Rat myocardium, Assay of non-esterified fatty acid content of the	273	Science, technology and manpower, Africa's needs of	91
Rat small intestine, Does caecectomy increase the rate of	213	SCOPE project on African wetlands	257
transit along the?	245	SCOTT, L., and VOGEL, J.C. Seabirds (Fossil) and changing marine environments in the	266
Rat striatal synaptosomes by δ-aminolaevulinic acid, Inhi-	210	Late Tertiary of South Africa	399
bition of the evoked release of dopamine from	249	Sea-surface temperature variability around Cape Recife,	222
RAWDON, B.B.	389	South Africa	436
Raymond Dart collection of skeletons, Statistical survey of		Seed dispersal by ants in shrublands of the Cape Province	
the human skulls in the	215	and its evolutionary implications	231
Reform process, Involvement in the	226	SEELY, M.K., et al	175
Regional development planning and relating them to		Senescence in the coastal sand dune pioneer Scaevola thun-	420
research activity, Approach to identifying research needs	104	bergii Eckl. & Zeyh., Leaf nutrient content in relation to SEYHAN, E., et al.	420 88
in	184	SHANNON, L.V.	137
long limb bones in the South African negro	337	SHANNON, L.V., and CHAPMAN, P.	454
RENSBURG, H. JANSEN VAN see JANSEN VAN	501	Sheldrake, Rupert	2
RENSBURG		SHELTON, P.A., et al	466
RENSBURG, P.R. JANSE VAN see JANSE VAN RENS-		Shrublands of the Cape Province, Seed dispersal by ants in,	
BURG, P.R.		and its evolutionary implications	231
Research needs in regional development planning and		SILVA, F.M. DA see DA SILVA, F.M	
relating them to research activity, Approach to identifying	184	SILOVE, M., et al	356
Respiratory status of the blood during prolonged systematic		SIMPSON, D.I.H.	115
anaesthesia in the vervet monkey at 1760 metres altitude	247	SIMPSON, E.S.W.	122
and the effect of oxygen supplementation	247 234	Simpson, Eric S.W., <i>obituary</i> Skulls in the Raymond Dart collection of skeletons, Statis-	388
REYNEKE, L., et al.	249	tical survey of the human	215
Rhizobium japonicum, Effective nodulation of soybeans by	217	SLINGSBY, P., and BOND, W.J.	231
fast-growing strains of	251	Slower growth, When is it noxious? What young are mal-	
Rhizopus stolonifer, Radiation resistance of	173	nourished?	351
RICHARDSON, B.D., et al	351	SMALL, J.G.C.	304
Rift Valley fever virus from Aedes (Neomelaniconion) cir-		SMITH, M.M.	140
cumluteolus and/or luteolateralis collected during an		SMITH, R. TAVENER- see TAVENER-SMITH, R	
outbreak in cattle in the coastal region of Natal, South		Soil-plant system, Resistances to water flow through the	459
Africa, Isolation of	377	Soils, X-ray fluorescence spectrometry: a useful tool in the	-
Rift Valley fever virus in coastal South Africa, Field and		chemical characterization of	52
laboratory evidence implicating Culex zombaensis and Aedes circumluteolus as vectors of	61	vaal, 'Oori' or 'Moloko'? The origins of	261
Riparian zone, Estimation of streamflow loss by evapo-	01	South African Biochemical Society seventh annual congress,	201
transpiration from a	88	17 to 20 January, 1983: report	86
ROBBERTSE., P.J. et al.	173	South African negro, Regression equations for estimating	-
RODD, M.G.	219	living stature from long limb bones in the	337
ROMOFF, N., and MOLL, E.J	432	South African oceanography: the way ahead	122
Rooi Rand dyke swarm	365	South African Pharmacological Society: abstracts of papers	
ROSS, F.P	300	presented at the annual congress held in Bloemfontein	
ROUX, J.H. LE see LE ROUX, J.H		from 13 to 15 October 1982	280

Soybeans, Effective nodulation by fast-growing strains of		V	
Rhizobium japonicum	251	Valley Trust (A view from the hills)	214
Specific activity of radioiodine-labelled human chorionic gonadotropin ligand	418	Valley Trust (A view from the hills)	214
SPENCE, I.M.	423	biologists of the 1920s	49
STADEN, J. VAN see VAN STADEN, J.	120	VAN DER LINDE, A., et al.	37
STANGL, A., et al.	411	VAN DER MERWE, A., et al	392
STEINBERG, A.G.	240	VAN DER MERWE, L.J., et al	173
STEYN, P.C.L., et al.	69	VAN DER WALT, L.A., et al	418
Streamflow loss by evapotranspiration from a riparian zone,		VAN DER WALT, W.H., and DREYER, J.J 334	
Estimation of	88	VAN DER WALT, W.H., et al.	37
STRIJDOM, B.W., et al.	251	VAN HOORN HICKMAN B. et al.	174 374
Suid-Afrikaanse Farmakologiese Vereniging jaarlikse kon- gres, Bloemfontein, 13 tot 15 Oktober: uittreksels van		VAN HOORN-HICKMAN, R., et al. VAN HOUTEN, R.	57
referate	280	VAN RENSBURG, H. JANSEN see JANSEN VAN	21
Suidelike Oseaan, Die	140	RENSBURG, H.	
Sugar, Does it cause or promote obesity?	43	VAN RENSBURG, P.R. JANSE see JANSE VAN RENS-	
Synoptic data in indicating the presence of cloud bands over		BURG, P.R.	
Southern Africa, On the use of	413	VAN STADEN, J., and FORSYTH, C.	8
		VEITH, W.J., and MALECHA, S.R.	84
		VENTER, G.P.N.	299
		Vervet monkey, Respiratory status of the blood during pro-	
		longed systemic anaesthesia at 1760 metres altitude and	247
T		the effect of oxygen supplementation	273
*		Vitamin D poker continued	300
TAL, H., and TAU, S	215	VOGEL, J.C., and SCOTT, L.	266
TALJAARD, J.J.F., et al.	249	Vryheid Formation in the northeast part of the main Karoo	
TAU, S., and TAL, H	215	basin, Recent geological research on the	328
TAVENER-SMITH, R	328		
Technical publishing, Impacts and objectives of	254		
Technology and manpower, Africa's needs of science,	91	W	
Technology transfer, with special reference to scientific and		**	
technical information services and developments in infor-	57	WALKER, A.R.P.	43
mation technology	353	WALKER, A.R.P., et al	1, 392
Temperature predictions in weather forecasting, Maximum	69	WALKER, B.F., et al	
Temperature, Sea-surface variability around Cape Recife,		WALT, L.A. VAN DER see VAN DER WALT, L.A	
South Africa	436	WALT, W.H. VAN DER see VAN DER WALT, W.H	
Temperature, The ductility of native beeswax is optimally		WARD, J.D., and BREEN, C.M.	444
related to honeybee colony	416	WARD, J.D., et al.	175
TERBLANCHE, J., et al	374	Water flow through the soil-plant system, Resistances to	459 374
Tertiary of South Africa, Fossil seabirds and changing		WATSON, R.G.K., et al.	3/4
marine environments in the Late	399	Wax structure and behaviour, Crystallographic investigation of a paraffinic Fisher-Tropsch wax in relation to a theory	
Thamnochortus punctatus Pillans at Pella in the south-	422	of	234
western Cape Province, Evidence of mist trapping by Thermal effects on the performance of schoolchildren: out-	432	Weather forecasting, Maximum temperature predictions in	69
line of a proposed research project	172	WEBB, S	47
Thermodynamics in chemical engineering education	255	WENTZEL, J.D., and MEESE, G.B	67
THOMPSON, D.L., et al.	377	WENTZEL, J.D., et al	28
Tibias, Mechanical properties of hamster femurs and	74	Wheel on a rail, Motion of a	306
TOIT, T.L. DU see DU TOIT, T.L		WHITFIELD, A.K.	362
Toxicity of volatile anaesthetic agents, Metabolism and	55	WILMSEN, E.N. and DENBOW, J.R.	405
Transition-metal ions and pyridoxal phosphate in the genesis		Wiskunde, Navorsings-publikasies in	350 37
of epilepsy, Involvement of: a hypothesis	448	WOLFSWINKEL, J.M., et al	352
Transvaal, Cluster and correspondence analysis of Iron Age	100	WRIGHT, P.G.	247
faunal assemblages from southern, western and eastern TRIPP, M.E. HOWARD-, see HOWARD-TRIPP, M.E	189	WRIGHT, P.G., et al.	411
TSHABALALA, E.N., et al.	351	WYNDHAM, C.H.	218
Tuberculosis in captive wild mammals: the situation in South	331	WYON, D.P., et al	28
Africa	344		
		X	
		X-ray fluorescence spectrometry: a useful tool in the	53
**		chemical characterization of soils	52
U			
Ultra-deep-field photomacrography: a novel experimental		z	
design	259	~	
U rinary nitrogen output during adjustment to protein dep-		Zea mays L. roots, Anaerobic stimulation of nitrate utiliza-	
letion in the rat, Note on the ability of methionine hydroxy		tion in sterile excised	73
analogue to reduce	403	ZIHLMAN, A.L., and LAPORTE, L.F	96

